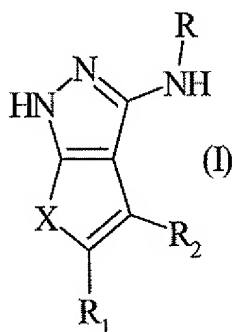


## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## LISTING OF CLAIMS:

1. (Previously Presented) A bicyclo-pyrazole compound of formula (I):



wherein

X is NR', O, S, SO or SO<sub>2</sub>;

each of **R** and **R**<sub>1</sub>, being the same or different, is independently a hydrogen atom or an optionally substituted group selected from R', -COR', -COOR', -CONHR', -CONR'R'', -SO<sub>2</sub>R', -SO<sub>2</sub>NHR' or -SO<sub>2</sub>NR'R''; wherein each of R' and R'', being the same or different, is independently selected from hydrogen or an optionally further substituted straight or branched C<sub>1</sub>-C<sub>6</sub> alkyl, aryl or aryl-C<sub>1</sub>-C<sub>6</sub> alkyl group;

**R**<sub>2</sub> is an optionally substituted group selected from R', -CH<sub>2</sub>OR' and OR', wherein R' is as above defined; and the pharmaceutically acceptable salts thereof with the proviso that such compound is not 4-phenyl-5-(phenylsulfonyl)-2H-thieno[2,3-c]pyrazol-3-amine or 5-phenyl-1H-furo[2,3-c]pyrazol-3-amine.

2. (Original) A compound, according to claim 1, wherein X is S or O; R is -CONHR'; R<sub>1</sub> is -COR', -CONHR', -CONR'R'', -SO<sub>2</sub>NHR' or -SO<sub>2</sub>NR'R'', wherein each of R' and R'', being the same or different, is selected from hydrogen or an optionally substituted straight or branched C<sub>1</sub>-C<sub>6</sub> alkyl, aryl or aryl-C<sub>1</sub>-C<sub>6</sub> alkyl group; R<sub>2</sub> is hydrogen; or a the pharmaceutically acceptable salt thereof.

3. (Original) A compound, according to claim 1, wherein X is S; R is -CONHR'; R<sub>1</sub> is -CONHR' or -CONR'R'', wherein each of R' and R'', being the same or different, is selected from hydrogen or an optionally substituted straight or branched C<sub>1</sub>-C<sub>6</sub> alkyl, aryl or aryl-C<sub>1</sub>-C<sub>6</sub> alkyl group; R<sub>2</sub> is hydrogen; or a pharmaceutically acceptable salt thereof.

4. (Previously Presented) A compound of formula (I) or a pharmaceutically acceptable salt, according to claim 1, comprising:

1. N-benzyl-3-[(4-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
2. N-ethyl-3-{[4-(4-ethylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
3. 3-{[4-(4-ethylpiperazin-1-yl)benzoyl]amino}-N-isopropyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
4. N-benzyl-3-{[4-(4-ethylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
5. N-{5-[(4-methylpiperazin-1-yl)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl}benzamide;
6. N-[5-(morpholin-4-ylcarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]benzamide;
7. 3-(benzoylamino)-N-(2-morpholin-4-ylethyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
8. 3-(benzoylamino)-N-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
9. 3-(benzoylamino)-N-(2-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
10. 3-(benzoylamino)-N-(4-cyanophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
11. 3-(benzoylamino)-N-(4-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
12. 3-(benzoylamino)-N-(4-chlorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
13. 3-(benzoylamino)-N-(4-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
14. 3-(benzoylamino)-N-(4-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
15. 3-(benzoylamino)-N-(tert-butyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
16. 3-(benzoylamino)-N-isopropyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
17. 3-(benzoylamino)-N-ethyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;

18. 2-fluoro-N-{5-[(4-methylpiperazin-1-yl)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl}benzamide;
19. 2-fluoro-N-[5-(morpholin-4-ylcarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]benzamide;
20. 3-[(2-fluorobenzoyl)amino]-N-(2-morpholin-4-ylethyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
21. 3-[(2-fluorobenzoyl)amino]-N-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
22. 3-[(2-fluorobenzoyl)amino]-N-(2-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
23. N-(4-cyanophenyl)-3-[(2-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
24. 3-[(2-fluorobenzoyl)amino]-N-(4-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
25. N-(4-chlorophenyl)-3-[(2-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
26. 3-[(2-fluorobenzoyl)amino]-N-(4-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
27. 3-[(2-fluorobenzoyl)amino]-N-(4-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
28. N-(tert-butyl)-3-[(2-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
29. 3-[(2-fluorobenzoyl)amino]-N-isopropyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
30. N-ethyl-3-[(2-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
31. 2-chloro-N-{5-[(4-methylpiperazin-1-yl)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl}benzamide;
32. 2-chloro-N-[5-(morpholin-4-ylcarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]benzamide;
33. 3-[(2-chlorobenzoyl)amino]-N-(2-morpholin-4-ylethyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
34. 3-[(2-chlorobenzoyl)amino]-N-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;

35. 3-[(2-chlorobenzoyl)amino]-N-(2-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
36. 3-[(2-chlorobenzoyl)amino]-N-(4-cyanophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
37. 3-[(2-chlorobenzoyl)amino]-N-(4-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
38. 3-[(2-chlorobenzoyl)amino]-N-(4-chlorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
39. 3-[(2-chlorobenzoyl)amino]-N-(4-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
40. 3-[(2-chlorobenzoyl)amino]-N-(4-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
41. N-(tert-butyl)-3-[(2-chlorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
42. 3-[(2-chlorobenzoyl)amino]-N-isopropyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
43. 3-[(2-chlorobenzoyl)amino]-N-ethyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
44. 2-methoxy-N-{5-[(4-methylpiperazin-1-yl)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl}benzamide;
45. 2-methoxy-N-[5-(morpholin-4-ylcarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]benzamide;
46. 3-[(2-methoxybenzoyl)amino]-N-(2-morpholin-4-ylethyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
47. 3-[(2-methoxybenzoyl)amino]-N-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
48. 3-[(2-methoxybenzoyl)amino]-N-(2-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
49. N-(4-cyanophenyl)-3-[(2-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
50. N-(4-fluorophenyl)-3-[(2-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

51. N-(4-chlorophenyl)-3-[(2-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
52. 3-[(2-methoxybenzoyl)amino]-N-(4-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
53. 3-[(2-methoxybenzoyl)amino]-N-(4-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
54. N-(tert-butyl)-3-[(2-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
55. N-isopropyl-3-[(2-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
56. N-ethyl-3-[(2-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
57. 2-methyl-N-{5-[(4-methylpiperazin-1-yl)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl}benzamide;
58. 2-methyl-N-[5-(morpholin-4-ylcarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]benzamide;
59. 3-[(2-methylbenzoyl)amino]-N-(2-morpholin-4-ylethyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
60. 3-[(2-methylbenzoyl)amino]-N-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
61. 3-[(2-methylbenzoyl)amino]-N-(2-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
62. N-(4-cyanophenyl)-3-[(2-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
63. N-(4-fluorophenyl)-3-[(2-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
64. N-(4-chlorophenyl)-3-[(2-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
65. N-(4-methoxyphenyl)-3-[(2-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
66. 3-[(2-methylbenzoyl)amino]-N-(4-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
67. N-(tert-butyl)-3-[(2-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

68. N-isopropyl-3-[(2-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
69. N-ethyl-3-[(2-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
70. 3-methyl-N-{5-[(4-methylpiperazin-1-yl)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl}benzamide;
71. 3-methyl-N-[5-(morpholin-4-ylcarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]benzamide;
72. 3-[(3-methylbenzoyl)amino]-N-(2-morpholin-4-ylethyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
73. 3-[(3-methylbenzoyl)amino]-N-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
74. 3-[(3-methylbenzoyl)amino]-N-(2-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
75. N-(4-cyanophenyl)-3-[(3-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
76. N-(4-fluorophenyl)-3-[(3-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
77. N-(4-chlorophenyl)-3-[(3-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
78. N-(4-methoxyphenyl)-3-[(3-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
79. 3-[(3-methylbenzoyl)amino]-N-(4-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
80. N-(tert-butyl)-3-[(3-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
81. N-isopropyl-3-[(3-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
82. N-ethyl-3-[(3-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
83. 4-fluoro-N-{5-[(4-methylpiperazin-1-yl)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl}benzamide;
84. 4-fluoro-N-[5-(morpholin-4-ylcarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]benzamide;
85. 3-[(4-fluorobenzoyl)amino]-N-(2-morpholin-4-ylethyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
86. 3-[(4-fluorobenzoyl)amino]-N-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
87. 3-[(4-fluorobenzoyl)amino]-N-(2-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;

88. N-(4-cyanophenyl)-3-[(4-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
89. 3-[(4-fluorobenzoyl)amino]-N-(4-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
90. N-(4-chlorophenyl)-3-[(4-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
91. 3-[(4-fluorobenzoyl)amino]-N-(4-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
92. 3-[(4-fluorobenzoyl)amino]-N-(4-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
93. N-(tert-butyl)-3-[(4-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
94. 3-[(4-fluorobenzoyl)amino]-N-isopropyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
95. N-ethyl-3-[(4-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
96. 4-chloro-N-{5-[(4-methylpiperazin-1-yl)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl}benzamide;
97. 4-chloro-N-[5-(morpholin-4-ylcarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]benzamide;
98. 3-[(4-chlorobenzoyl)amino]-N-(2-morpholin-4-ylethyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
99. 3-[(4-chlorobenzoyl)amino]-N-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
100. 3-[(4-chlorobenzoyl)amino]-N-(2-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
101. 3-[(4-chlorobenzoyl)amino]-N-(4-cyanophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
102. 3-[(4-chlorobenzoyl)amino]-N-(4-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
103. 3-[(4-chlorobenzoyl)amino]-N-(4-chlorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
104. 3-[(4-chlorobenzoyl)amino]-N-(4-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
105. 3-[(4-chlorobenzoyl)amino]-N-(4-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;

106. N-(tert-butyl)-3-[(4-chlorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
107. 3-[(4-chlorobenzoyl)amino]-N-isopropyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
108. 3-[(4-chlorobenzoyl)amino]-N-ethyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
109. 4-methoxy-N-{5-[(4-methylpiperazin-1-yl)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl}benzamide;
110. 4-methoxy-N-[5-(morpholin-4-ylcarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]benzamide;
111. 3-[(4-methoxybenzoyl)amino]-N-(2-morpholin-4-ylethyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
112. 3-[(4-methoxybenzoyl)amino]-N-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
113. 3-[(4-methoxybenzoyl)amino]-N-(2-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
114. N-(4-cyanophenyl)-3-[(4-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
115. N-(4-fluorophenyl)-3-[(4-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
116. N-(4-chlorophenyl)-3-[(4-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
117. 3-[(4-methoxybenzoyl)amino]-N-(4-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
118. 3-[(4-methoxybenzoyl)amino]-N-(4-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
119. N-(tert-butyl)-3-[(4-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
120. N-isopropyl-3-[(4-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
121. N-ethyl-3-[(4-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

122. 4-tert-butyl-N-{5-[(4-methylpiperazin-1-yl)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl}benzamide;
123. 4-tert-butyl-N-[5-(morpholin-4-ylcarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]benzamide;
124. 3-[(4-tert-butylbenzoyl)amino]-N-(2-morpholin-4-ylethyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
125. 3-[(4-tert-butylbenzoyl)amino]-N-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
126. 3-[(4-tert-butylbenzoyl)amino]-N-(2-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
127. 3-[(4-tert-butylbenzoyl)amino]-N-(4-cyanophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
128. 3-[(4-tert-butylbenzoyl)amino]-N-(4-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
129. 3-[(4-tert-butylbenzoyl)amino]-N-(4-chlorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
130. 3-[(4-tert-butylbenzoyl)amino]-N-(4-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
131. 3-[(4-tert-butylbenzoyl)amino]-N-(4-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
132. N-(tert-butyl)-3-[(4-tert-butylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
133. 3-[(4-tert-butylbenzoyl)amino]-N-isopropyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
134. 3-[(4-tert-butylbenzoyl)amino]-N-ethyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
135. 4-methyl-N-{5-[(4-methylpiperazin-1-yl)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl}benzamide;
136. 4-methyl-N-[5-(morpholin-4-ylcarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]benzamide;
137. 3-[(4-methylbenzoyl)amino]-N-(2-morpholin-4-ylethyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;

138. 3-[(4-methylbenzoyl)amino]-N-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxamide;
139. 3-[(4-methylbenzoyl)amino]-N-(2-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
140. N-(4-cyanophenyl)-3-[(4-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
141. N-(4-fluorophenyl)-3-[(4-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
142. N-(4-chlorophenyl)-3-[(4-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
143. N-(4-methoxyphenyl)-3-[(4-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
144. 3-[(4-methylbenzoyl)amino]-N-(4-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
145. N-(tert-butyl)-3-[(4-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
146. N-isopropyl-3-[(4-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
147. N-ethyl-3-[(4-methylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
148. 3-[(3-fluorobenzoyl)amino]-N-(4-morpholin-4-ylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
149. N-(2-cyanophenyl)-3-[(3-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
150. 3-[(3-fluorobenzoyl)amino]-N-(2-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
151. N-(2-chlorophenyl)-3-[(3-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
152. N-(2,6-dichlorophenyl)-3-[(3-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
153. 3-[(3-fluorobenzoyl)amino]-N-(2-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;

154. N-(2,6-diethylphenyl)-3-[(3-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
155. N-(3-cyanophenyl)-3-[(3-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
156. 3-[(3-fluorobenzoyl)amino]-N-(3-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
157. N-(3-chlorophenyl)-3-[(3-fluorobenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
158. 3-[(3-fluorobenzoyl)amino]-N-(3-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
159. 3-[(3-fluorobenzoyl)amino]-N-(3-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
160. 3-[(3-fluorobenzoyl)amino]-N-[4-(4-methylpiperazin-1-yl)phenyl]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
161. 3-[(3-chlorobenzoyl)amino]-N-(4-morpholin-4-ylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
162. 3-[(3-chlorobenzoyl)amino]-N-(2-cyanophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
163. 3-[(3-chlorobenzoyl)amino]-N-(2-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
164. 3-[(3-chlorobenzoyl)amino]-N-(2-chlorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
165. 3-[(3-chlorobenzoyl)amino]-N-(2,6-dichlorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
166. 3-[(3-chlorobenzoyl)amino]-N-(2-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
167. 3-[(3-chlorobenzoyl)amino]-N-(2,6-diethylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
168. 3-[(3-chlorobenzoyl)amino]-N-(3-cyanophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;

169. 3-[(3-chlorobenzoyl)amino]-N-(3-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
170. 3-[(3-chlorobenzoyl)amino]-N-(3-chlorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
171. 3-[(3-chlorobenzoyl)amino]-N-(3-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
172. 3-[(3-chlorobenzoyl)amino]-N-(3-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
173. 3-[(3-chlorobenzoyl)amino]-N-[4-(4-methylpiperazin-1-yl)phenyl]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
174. 3-[(3-methoxybenzoyl)amino]-N-(4-morpholin-4-ylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
175. N-(2-cyanophenyl)-3-[(3-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
176. N-(2-fluorophenyl)-3-[(3-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
177. N-(2-chlorophenyl)-3-[(3-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
178. N-(2,6-dichlorophenyl)-3-[(3-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
179. 3-[(3-methoxybenzoyl)amino]-N-(2-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
180. N-(2,6-diethylphenyl)-3-[(3-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
181. N-(3-cyanophenyl)-3-[(3-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
182. N-(3-fluorophenyl)-3-[(3-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
183. N-(3-chlorophenyl)-3-[(3-methoxybenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

184. 3-[(3-methoxybenzoyl)amino]-N-(3-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
185. 3-[(3-methoxybenzoyl)amino]-N-(3-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
186. 3-[(3-methoxybenzoyl)amino]-N-[4-(4-methylpiperazin-1-yl)phenyl]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
187. N-(4-morpholin-4-ylphenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
188. N-(2-cyanophenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
189. N-(2-fluorophenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
190. N-(2-chlorophenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
191. N-(2,6-dichlorophenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
192. N-(2-methoxyphenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
193. N-(2,6-diethylphenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
194. N-(3-cyanophenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
195. N-(3-fluorophenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
196. N-(3-chlorophenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
197. N-(3-methoxyphenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
198. N-(3-methylphenyl)-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

199. N-[4-(4-methylpiperazin-1-yl)phenyl]-3-[(phenylacetyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
200. 3-{[(2-fluorophenyl)acetyl]amino}-N-(4-morpholin-4-ylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
201. N-(2-cyanophenyl)-3-{[(2-fluorophenyl)acetyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
202. N-(2-fluorophenyl)-3-{[(2-fluorophenyl)acetyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
203. N-(2-chlorophenyl)-3-{[(2-fluorophenyl)acetyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
204. N-(2,6-dichlorophenyl)-3-{[(2-fluorophenyl)acetyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
205. 3-{[(2-fluorophenyl)acetyl]amino}-N-(2-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
206. N-(2,6-diethylphenyl)-3-{[(2-fluorophenyl)acetyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
207. N-(3-cyanophenyl)-3-{[(2-fluorophenyl)acetyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
208. N-(3-fluorophenyl)-3-{[(2-fluorophenyl)acetyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
209. N-(3-chlorophenyl)-3-{[(2-fluorophenyl)acetyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
210. 3-{[(2-fluorophenyl)acetyl]amino}-N-(3-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
211. 3-{[(2-fluorophenyl)acetyl]amino}-N-(3-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
212. 3-{[(2-fluorophenyl)acetyl]amino}-N-[4-(4-methylpiperazin-1-yl)phenyl]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
213. 3-{[(2-methylphenyl)acetyl]amino}-N-(4-morpholin-4-ylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;

214. N-(2-cyanophenyl)-3-{{(2-methylphenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
215. N-(2-fluorophenyl)-3-{{(2-methylphenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
216. N-(2-chlorophenyl)-3-{{(2-methylphenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
217. N-(2,6-dichlorophenyl)-3-{{(2-methylphenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
218. N-(2-methoxyphenyl)-3-{{(2-methylphenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
219. N-(2,6-diethylphenyl)-3-{{(2-methylphenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
220. N-(3-cyanophenyl)-3-{{(2-methylphenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
221. N-(3-fluorophenyl)-3-{{(2-methylphenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
222. N-(3-chlorophenyl)-3-{{(2-methylphenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
223. N-(3-methoxyphenyl)-3-{{(2-methylphenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
224. N-(3-methylphenyl)-3-{{(2-methylphenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
225. 3-{{(2-methylphenyl)acetyl}amino}-N-[4-(4-methylpiperazin-1-yl)phenyl]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
226. 3-{{(4-fluorophenyl)acetyl}amino}-N-(4-morpholin-4-ylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
227. N-(2-cyanophenyl)-3-{{(4-fluorophenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
228. N-(2-fluorophenyl)-3-{{(4-fluorophenyl)acetyl}amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;

229. N-(2-chlorophenyl)-3-[[ (4-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
230. N-(2,6-dichlorophenyl)-3-[[ (4-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
231. 3-[[ (4-fluorophenyl)acetyl]amino]-N-(2-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
232. N-(2,6-diethylphenyl)-3-[[ (4-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
233. N-(3-cyanophenyl)-3-[[ (4-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
234. N-(3-fluorophenyl)-3-[[ (4-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
235. N-(3-chlorophenyl)-3-[[ (4-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
236. 3-[[ (4-fluorophenyl)acetyl]amino]-N-(3-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
237. 3-[[ (4-fluorophenyl)acetyl]amino]-N-(3-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
238. 3-[[ (4-fluorophenyl)acetyl]amino]-N-[4-(4-methylpiperazin-1-yl)phenyl]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
239. 3-[[ (4-chlorophenyl)acetyl]amino]-N-(4-morpholin-4-ylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
240. 3-[[ (4-chlorophenyl)acetyl]amino]-N-(2-cyanophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
241. 3-[[ (4-chlorophenyl)acetyl]amino]-N-(2-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
242. N-(2-chlorophenyl)-3-[[ (4-chlorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
243. 3-[[ (4-chlorophenyl)acetyl]amino]-N-(2,6-dichlorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;

244. 3-[[[4-chlorophenyl]acetyl]amino]-N-(2-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
245. 3-[[[4-chlorophenyl]acetyl]amino]-N-(2,6-diethylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
246. 3-[[[4-chlorophenyl]acetyl]amino]-N-(3-cyanophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
247. 3-[[[4-chlorophenyl]acetyl]amino]-N-(3-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
248. N-(3-chlorophenyl)-3-[[[4-chlorophenyl]acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
249. 3-[[[4-chlorophenyl]acetyl]amino]-N-(3-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
250. 3-[[[4-chlorophenyl]acetyl]amino]-N-(3-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
251. 3-[[[4-chlorophenyl]acetyl]amino]-N-[4-(4-methylpiperazin-1-yl)phenyl]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
252. 3-[[[4-methoxyphenyl]acetyl]amino]-N-(4-morpholin-4-ylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
253. N-(2-cyanophenyl)-3-[[[4-methoxyphenyl]acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
254. N-(2-fluorophenyl)-3-[[[4-methoxyphenyl]acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
255. N-(2-chlorophenyl)-3-[[[4-methoxyphenyl]acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
256. N-(2,6-dichlorophenyl)-3-[[[4-methoxyphenyl]acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
257. N-(2-methoxyphenyl)-3-[[[4-methoxyphenyl]acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
258. N-(2,6-diethylphenyl)-3-[[[4-methoxyphenyl]acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

259. N-(3-cyanophenyl)-3-[[ (4-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
260. N-(3-fluorophenyl)-3-[[ (4-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
261. N-(3-chlorophenyl)-3-[[ (4-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
262. N-(3-methoxyphenyl)-3-[[ (4-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
263. 3-[[ (4-methoxyphenyl)acetyl]amino]-N-(3-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
264. 3-[[ (4-methoxyphenyl)acetyl]amino]-N-[4-(4-methylpiperazin-1-yl)phenyl]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
265. 3-[[ (4-methylphenyl)acetyl]amino]-N-(4-morpholin-4-ylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
266. N-(2-cyanophenyl)-3-[[ (4-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
267. N-(2-fluorophenyl)-3-[[ (4-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
268. N-(2-chlorophenyl)-3-[[ (4-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
269. N-(2,6-dichlorophenyl)-3-[[ (4-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
270. N-(2-methoxyphenyl)-3-[[ (4-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
271. N-(2,6-diethylphenyl)-3-[[ (4-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
272. N-(3-cyanophenyl)-3-[[ (4-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
273. N-(3-fluorophenyl)-3-[[ (4-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

274. N-(3-chlorophenyl)-3-[[ (4-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
275. N-(3-methoxyphenyl)-3-[[ (4-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
276. N-(3-methylphenyl)-3-[[ (4-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
277. 3-[[ (4-methylphenyl)acetyl]amino]-N-[4-(4-methylpiperazin-1-yl)phenyl]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
278. 3-[[ (4-tert-butylphenyl)acetyl]amino]-N-(4-morpholin-4-ylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
279. 3-[[ (4-tert-butylphenyl)acetyl]amino]-N-(2-cyanophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
280. 3-[[ (4-tert-butylphenyl)acetyl]amino]-N-(2-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
281. 3-[[ (4-tert-butylphenyl)acetyl]amino]-N-(2-chlorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
282. 3-[[ (4-tert-butylphenyl)acetyl]amino]-N-(2,6-dichlorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
283. 3-[[ (4-tert-butylphenyl)acetyl]amino]-N-(2-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
284. 3-[[ (4-tert-butylphenyl)acetyl]amino]-N-(2,6-diethylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
285. 3-[[ (4-tert-butylphenyl)acetyl]amino]-N-(3-cyanophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
286. 3-[[ (4-tert-butylphenyl)acetyl]amino]-N-(3-fluorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
287. 3-[[ (4-tert-butylphenyl)acetyl]amino]-N-(3-chlorophenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
288. 3-[[ (4-tert-butylphenyl)acetyl]amino]-N-(3-methoxyphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;

289. 3-[[[4-tert-butylphenyl]acetyl]amino]-N-(3-methylphenyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
290. 3-[[[4-tert-butylphenyl]acetyl]amino]-N-[4-(4-methylpiperazin-1-yl)phenyl]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
291. N-benzyl-3-[[[2-chlorophenyl]acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
292. 3-[[[2-chlorophenyl]acetyl]amino]-N-(2-fluorobenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
293. N-(2-chlorobenzyl)-3-[[[2-chlorophenyl]acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
294. 3-[[[2-chlorophenyl]acetyl]amino]-N-(2-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
295. 3-[[[2-chlorophenyl]acetyl]amino]-N-(2-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
296. 3-[[[2-chlorophenyl]acetyl]amino]-N-(3-fluorobenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
297. 3-[[[2-chlorophenyl]acetyl]amino]-N-(3-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
298. 3-[[[2-chlorophenyl]acetyl]amino]-N-(3-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
299. 3-[[[2-chlorophenyl]acetyl]amino]-N-(4-fluorobenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
300. N-(4-chlorobenzyl)-3-[[[2-chlorophenyl]acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
301. 3-[[[2-chlorophenyl]acetyl]amino]-N-(4-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
302. 3-[[[2-chlorophenyl]acetyl]amino]-N-(4-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
303. N-(3-chlorobenzyl)-3-[[[2-chlorophenyl]acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

304. N-benzyl-3-[[ (2-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
305. N-(2-fluorobenzyl)-3-[[ (2-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
306. N-(2-chlorobenzyl)-3-[[ (2-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
307. N-(2-methoxybenzyl)-3-[[ (2-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
308. 3-[[ (2-methoxyphenyl)acetyl]amino]-N-(2-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
309. N-(3-fluorobenzyl)-3-[[ (2-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
310. N-(3-methoxybenzyl)-3-[[ (2-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
311. 3-[[ (2-methoxyphenyl)acetyl]amino]-N-(3-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
312. N-(4-fluorobenzyl)-3-[[ (2-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
313. N-(4-chlorobenzyl)-3-[[ (2-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
314. N-(4-methoxybenzyl)-3-[[ (2-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
315. 3-[[ (2-methoxyphenyl)acetyl]amino]-N-(4-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
316. N-(3-chlorobenzyl)-3-[[ (2-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
317. N-benzyl-3-[[ (3-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
318. N-(2-fluorobenzyl)-3-[[ (3-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

319. N-(2-chlorobenzyl)-3-[[ (3-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
320. 3-[[ (3-fluorophenyl)acetyl]amino]-N-(2-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
321. 3-[[ (3-fluorophenyl)acetyl]amino]-N-(2-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
322. N-(3-fluorobenzyl)-3-[[ (3-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
323. 3-[[ (3-fluorophenyl)acetyl]amino]-N-(3-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
324. 3-[[ (3-fluorophenyl)acetyl]amino]-N-(3-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
325. N-(4-fluorobenzyl)-3-[[ (3-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
326. N-(4-chlorobenzyl)-3-[[ (3-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
327. 3-[[ (3-fluorophenyl)acetyl]amino]-N-(4-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
328. 3-[[ (3-fluorophenyl)acetyl]amino]-N-(4-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
329. N-(3-chlorobenzyl)-3-[[ (3-fluorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
330. N-benzyl-3-[[ (3-chlorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
331. 3-[[ (3-chlorophenyl)acetyl]amino]-N-(2-fluorobenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
332. N-(2-chlorobenzyl)-3-[[ (3-chlorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
333. 3-[[ (3-chlorophenyl)acetyl]amino]-N-(2-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;

334. 3-[[[(3-chlorophenyl)acetyl]amino]-N-(2-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
335. 3-[[[(3-chlorophenyl)acetyl]amino]-N-(3-fluorobenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
336. 3-[[[(3-chlorophenyl)acetyl]amino]-N-(3-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
337. 3-[[[(3-chlorophenyl)acetyl]amino]-N-(3-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
338. 3-[[[(3-chlorophenyl)acetyl]amino]-N-(4-fluorobenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
339. N-(4-chlorobenzyl)-3-[[[(3-chlorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
340. 3-[[[(3-chlorophenyl)acetyl]amino]-N-(4-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
341. 3-[[[(3-chlorophenyl)acetyl]amino]-N-(4-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
342. N-(3-chlorobenzyl)-3-[[[(3-chlorophenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
343. N-benzyl-3-[[[(3-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
344. N-(2-fluorobenzyl)-3-[[[(3-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
345. N-(2-chlorobenzyl)-3-[[[(3-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
346. N-(2-methoxybenzyl)-3-[[[(3-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
347. 3-[[[(3-methoxyphenyl)acetyl]amino]-N-(2-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
348. N-(3-fluorobenzyl)-3-[[[(3-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

349. N-(3-methoxybenzyl)-3-[[[(3-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
350. 3-[[[(3-methoxyphenyl)acetyl]amino]-N-(3-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
351. N-(4-fluorobenzyl)-3-[[[(3-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
352. N-(4-chlorobenzyl)-3-[[[(3-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
353. N-(4-methoxybenzyl)-3-[[[(3-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
354. 3-[[[(3-methoxyphenyl)acetyl]amino]-N-(4-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
355. N-(3-chlorobenzyl)-3-[[[(3-methoxyphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
356. N-benzyl-3-[[[(3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
357. N-(2-fluorobenzyl)-3-[[[(3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
358. N-(2-chlorobenzyl)-3-[[[(3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
359. N-(2-methoxybenzyl)-3-[[[(3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
360. N-(2-methylbenzyl)-3-[[[(3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
361. N-(3-fluorobenzyl)-3-[[[(3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
362. N-(3-methoxybenzyl)-3-[[[(3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
363. N-(3-methylbenzyl)-3-[[[(3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

364. N-(4-fluorobenzyl)-3-[[ (3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
365. N-(4-chlorobenzyl)-3-[[ (3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
366. N-(4-methoxybenzyl)-3-[[ (3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
367. N-(4-methylbenzyl)-3-[[ (3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
368. N-(3-chlorobenzyl)-3-[[ (3-methylphenyl)acetyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
369. N-benzyl-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
370. N-(2-fluorobenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
371. N-(2-chlorobenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
372. N-(2-methoxybenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
373. N-(2-methylbenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
374. N-(3-fluorobenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
375. N-(3-methoxybenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
376. N-(3-methylbenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
377. N-(4-fluorobenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
378. N-(4-chlorobenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

379. N-(4-methoxybenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
380. N-(4-methylbenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
381. N-(3-chlorobenzyl)-3-[(thien-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
382. N-benzyl-3-(isonicotinoylamino)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
383. N-(2-fluorobenzyl)-3-(isonicotinoylamino)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
384. N-(2-chlorobenzyl)-3-(isonicotinoylamino)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
385. 3-(isonicotinoylamino)-N-(2-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
386. 3-(isonicotinoylamino)-N-(2-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
387. N-(3-fluorobenzyl)-3-(isonicotinoylamino)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
388. 3-(isonicotinoylamino)-N-(3-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
389. 3-(isonicotinoylamino)-N-(3-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
390. N-(4-fluorobenzyl)-3-(isonicotinoylamino)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
391. N-(4-chlorobenzyl)-3-(isonicotinoylamino)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
392. 3-(isonicotinoylamino)-N-(4-methoxybenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
393. 3-(isonicotinoylamino)-N-(4-methylbenzyl)-1H-thieno[2,3-c]pyrazole-5-carboxamide;
394. N-(3-chlorobenzyl)-3-(isonicotinoylamino)-1H-thieno[2,3-c]pyrazole-5-carboxamide;

395. N-benzyl-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
396. N-(2-fluorobenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
397. N-(2-chlorobenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
398. N-(2-methoxybenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
399. N-(2-methylbenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
400. N-(3-fluorobenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
401. N-(3-methoxybenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
402. N-(3-methylbenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
403. N-(4-fluorobenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
404. N-(4-chlorobenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
405. N-(4-methoxybenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
406. N-(4-methylbenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
407. N-(3-chlorobenzyl)-3-[(1,3-thiazol-2-ylcarbonyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
408. N-benzyl-3-{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
409. N-(2-fluorobenzyl)-3-{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;

410. N-(2-chlorobenzyl)-3-{{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
411. N-(2-methoxybenzyl)-3-{{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
412. N-(2-methylbenzyl)-3-{{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
413. N-(3-fluorobenzyl)-3-{{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
414. N-(3-methoxybenzyl)-3-{{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
415. N-(3-methylbenzyl)-3-{{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
416. N-(4-fluorobenzyl)-3-{{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
417. N-(4-chlorobenzyl)-3-{{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
418. N-(4-methoxybenzyl)-3-{{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
419. N-(4-methylbenzyl)-3-{{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
420. N-(3-chlorobenzyl)-3-{{[4-(4-methylpiperazin-1-yl)benzoyl]amino}-1H-thieno[2,3-c]pyrazole-5-carboxamide;
421. N-benzyl-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
422. N-(2-fluorobenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
423. N-(2-chlorobenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
424. N-(2-methoxybenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;

425. N-(2-methylbenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
426. N-(3-fluorobenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
427. N-(3-methoxybenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
428. N-(3-methylbenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
429. N-(4-fluorobenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
430. N-(4-chlorobenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
431. N-(4-methoxybenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide;
432. N-(4-methylbenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide; or
433. N-(3-chlorobenzyl)-3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[2,3-c]pyrazole-5-carboxamide.

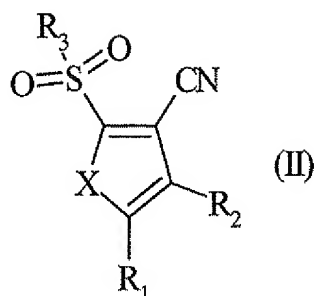
5. (Original) A compound of formula (I) or a pharmaceutically acceptable salt, according to claim 1, which is tert-butyl 3-amino-1H-thieno[2,3-c]pyrazole-5-carboxylate.

6. (Original) A compound of formula (I) or a pharmaceutically acceptable salt thereof, as defined in claim 1, for use as a medicament.

7.-13. (Cancelled)

14. (Previously Presented) A process for preparing a compound of formula (I) and the pharmaceutically acceptable salts thereof as defined in claim 1, which process comprises:

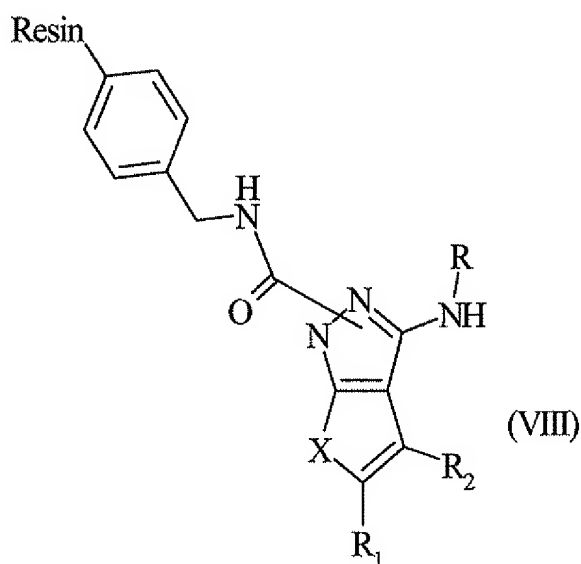
a) reacting a compound of formula (II)



wherein  $R_1$ ,  $R_2$  and  $X$  are as defined in claim 1 and  $R_3$  is a lower alkyl group, with hydrazine or a hydrazine salt, so as to obtain a compound of formula (I) wherein  $R$  is hydrogen and  $R_1$ ,  $R_2$  and  $X$  are as defined above; and, if desired,

b) converting the thus obtained compound of formula (I) into another compound of formula (I) wherein  $R$  is other than a hydrogen atom; and/or, if desired, converting the compound of formula (I) into a pharmaceutically acceptable salt thereof and/or the salt of a compound of formula (I) into a free compound thereof.

15. (Original) A combinatorial chemical library comprising a plurality of members of formula (VIII)



wherein

$X$  is  $NR'$ ,  $O$ ,  $S$ ,  $SO$  or  $SO_2$ ;

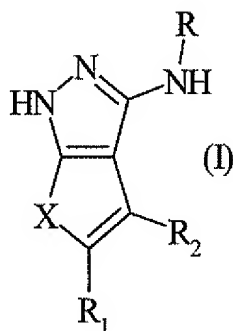
each of  $R$  and  $R_1$ , being the same or different, is independently a hydrogen atom or an optionally substituted group selected from  $R'$ ,  $-COR'$ ,  $-COOR'$ ,  $-CONHR'$ ,  $-CONR'R''$ ,

-SO<sub>2</sub>R', -SO<sub>2</sub>NHR' or -SO<sub>2</sub>NR'R"; wherein each of R' and R", being the same or different, is independently selected from hydrogen or an optionally further substituted straight or branched C<sub>1</sub>-C<sub>6</sub> alkyl, aryl or aryl-C<sub>1</sub>-C<sub>6</sub> alkyl group;

R<sub>2</sub> is an optionally substituted group selected from R', -CH<sub>2</sub>OR' and OR', wherein R' is as above defined; and the pharmaceutically acceptable salts thereof.

16. (Previously Presented) The library of claim 15 wherein the resin is a polystyrenic resin.

17. (Previously Presented) A chemical library of compounds comprising two or more derivatives of formula (I)



wherein

X is NR', O, S, SO or SO<sub>2</sub>;

each of R and R<sub>1</sub>, being the same or different, is independently a hydrogen atom or an optionally substituted group selected from R', -COR', -COOR', -CONHR', -CONR'R", -SO<sub>2</sub>R', -SO<sub>2</sub>NHR' or -SO<sub>2</sub>NR'R"; wherein each of R' and R", being the same or different, is independently selected from hydrogen or an optionally further substituted straight or branched C<sub>1</sub>-C<sub>6</sub> alkyl, aryl or aryl-C<sub>1</sub>-C<sub>6</sub> alkyl group;

R<sub>2</sub> is an optionally substituted group selected from R', -CH<sub>2</sub>OR' and OR', wherein R' is as above defined; and the pharmaceutically acceptable salts thereof with the proviso that such derivatives are not 4-phenyl-5-(phenylsulfonyl)-2H-thieno[2,3-c]pyrazol-3-amine or 5-phenyl-1H-furo[2,3-c]pyrazol-3-amine.

18. (Previously Presented) The polystyrenic resin according to claim 16 wherein said resin is methylisocyanate polystyrenic resin.